

## PUBLIC NOTICE

**PERMIT APPLICATION:** NRS 08.093 (Leipers Creek Road)  
NRS 08.094 (Holmes Branch Road)  
NRS 08.095 (Craig Bridge Road)  
NRS 08.177 (Goodman Lane)  
NRS 08.178 (Theta Pike)

**APPLICANT:** Van Boshers, Superintendent  
Maury County Highway Department  
P.O. Box 335  
Columbia, TN 38401  
931-375-6219

**LOCATION:** The proposed alterations would impact a total of five streams throughout Maury County.

**WATERSHED DESCRIPTION:** The proposed alterations would impact Leipers Creek, Holmes Branch, an unnamed tributary to Duck River, Lusk Branch and Ranel Branch. All proposed alterations are located within the Lower Duck River watershed (HUC 06040003). The streams and there locations are listed below in the table. Also included in the table is the assessment status of each stream. None of the streams have been assessed to see if any are Exceptional Tennessee Waters.

Site #	Road Name	Stream Name	Latitude	Longitude	Assessment
2	Leipers Creek Rd.	Leipers Creek	35.7446	-87.1885	Fully Supporting
5	Holmes Branch Rd.	Holmes Branch	35.7446	-87.1844	Not Assessed
6	Holmes Branch Rd.	Holmes Branch	35.7438	-87.1851	Not Assessed
7	Holmes Branch Rd.	Holmes Branch	35.7428	-87.1863	Not Assessed
8	Holmes Branch Rd.	Holmes Branch	35.7421	-87.1875	Not Assessed
11	Craig Bridge Rd.	Unnamed tributary to Duck River	35.6887	-87.1796	Not Assessed
12	Leipers Creek Rd.	Leipers Creek	35.7242	-87.1935	Fully Supporting
13	Theta Pike	Ranel Branch	35.6670	-87.0357	Not Assessed
16	Goodman Lane	Lusk Branch	35.6283	-87.3135	Not Assessed

**PROJECT DESCRIPTION:** The applicant proposes to perform a total of 1,005 ft. of bank stabilization throughout Maury County. The applicant with assistance from the Natural Resource Conservation Service (NRCS) has identified several sites where eroding stream banks are threatening or have the potential to threaten the integrity of county roads. One site, site #8, is not a county road but a community building that is being threatened by stream bank erosion. Two methods of bank stabilization would be implemented. One method is sloping the banks and applying rip-rap. The other method is using pre-cast concrete blocks to create a vertical bank. The concrete blocks are only used in instances where sloping the banks would constrict the stream or reduce the road width. The table below lists the sites, method of stabilization, length of stabilization and height of bank.

Site #	Length (ft.)	Height (ft.)	Stabilization Method
2	150	10	Rip-Rap
5	75	8	Rip-Rap
6	60	4.5	Rip-Rap
7	110	6.5	Rip-Rap
8	220	6.5	Rip-Rap

11	50	14	Concrete Blocks
12	85	15	Concrete Blocks
13	75	12	Rip-Rap
16	180	12	Rip-Rap

The Highway Department has already received authorization under the General Permit for Bank Stabilization for 7 other sites. Figure 1 shows all the bank stabilizations sites. In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.

**USGS TOPOGRAPHIC QUADRANGLE:** Godwin, TN (57-NE); site #13  
Greenfield, TN (50-NE), site #16  
Williamsport, TN (57-NW), site #2, 5, 6, 7, 8, 11 &12

**PERMIT COORDINATOR:** Trent Thomas

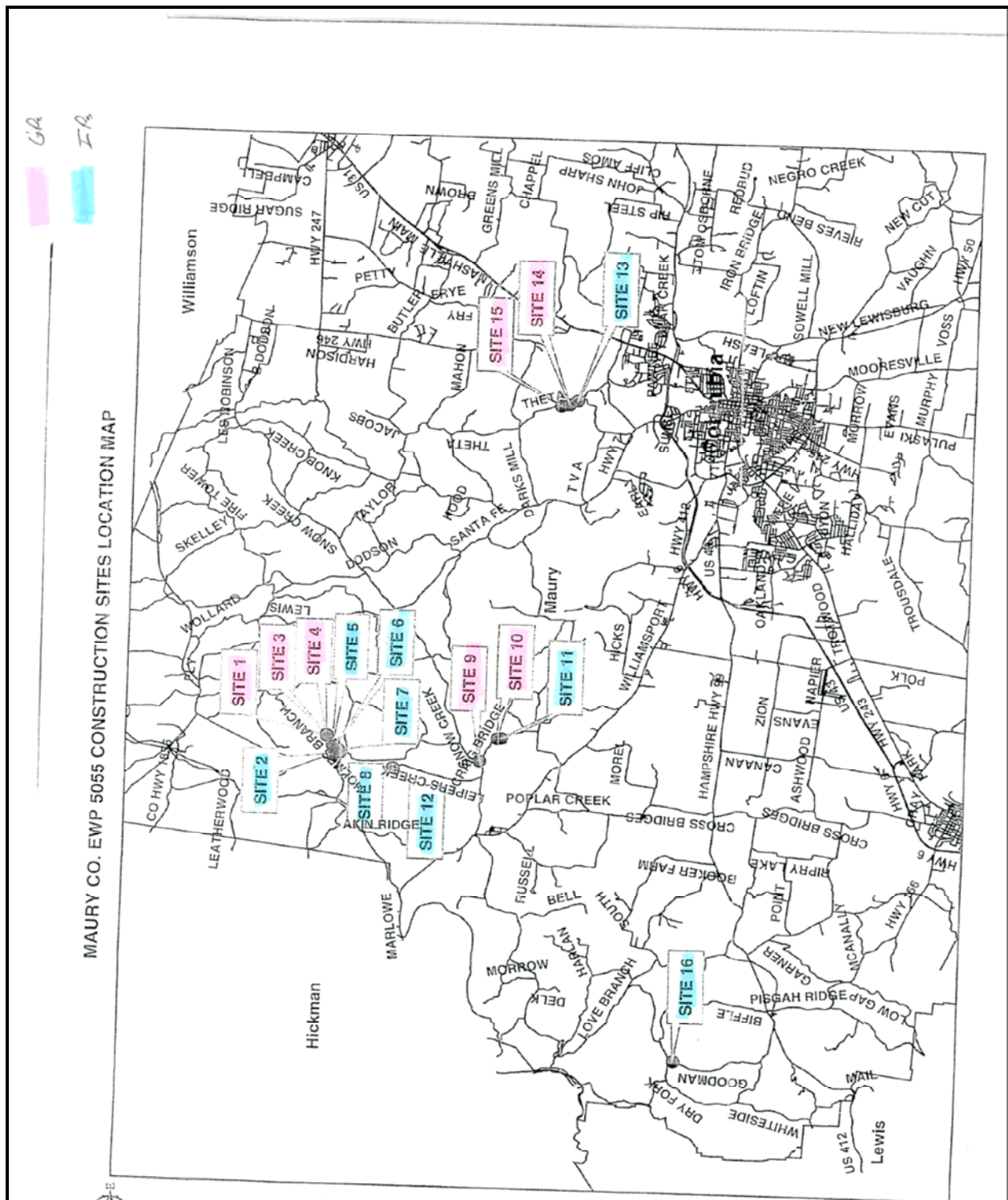
No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation  
Division of Water Pollution Control, Natural Resources Section  
7th Floor L & C Annex  
401 Church Street  
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments on record and the requirements of applicable federal and state laws.



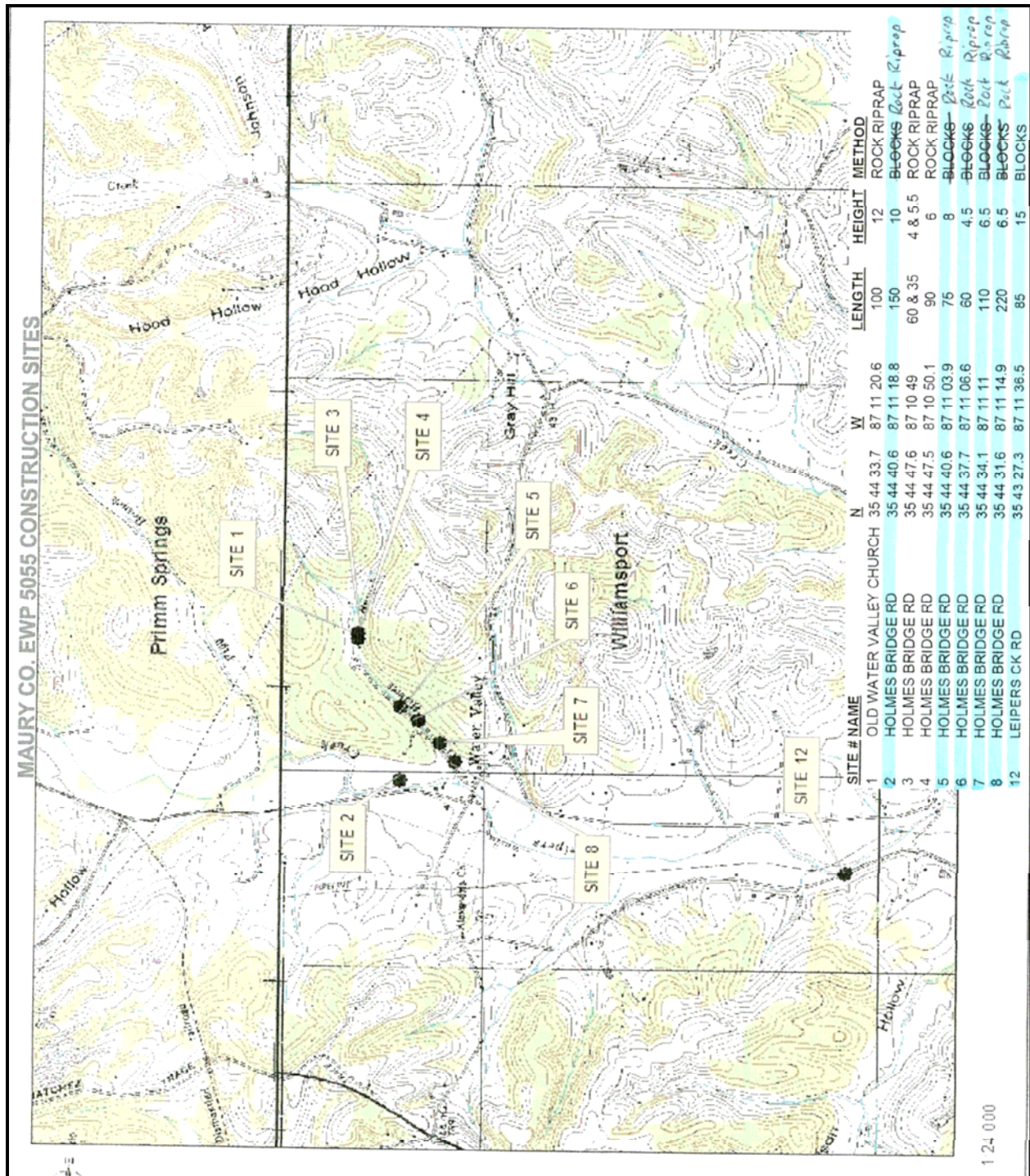


Figure 2: Topo map for sites #2, 5, 6, 7, 8, & 12.



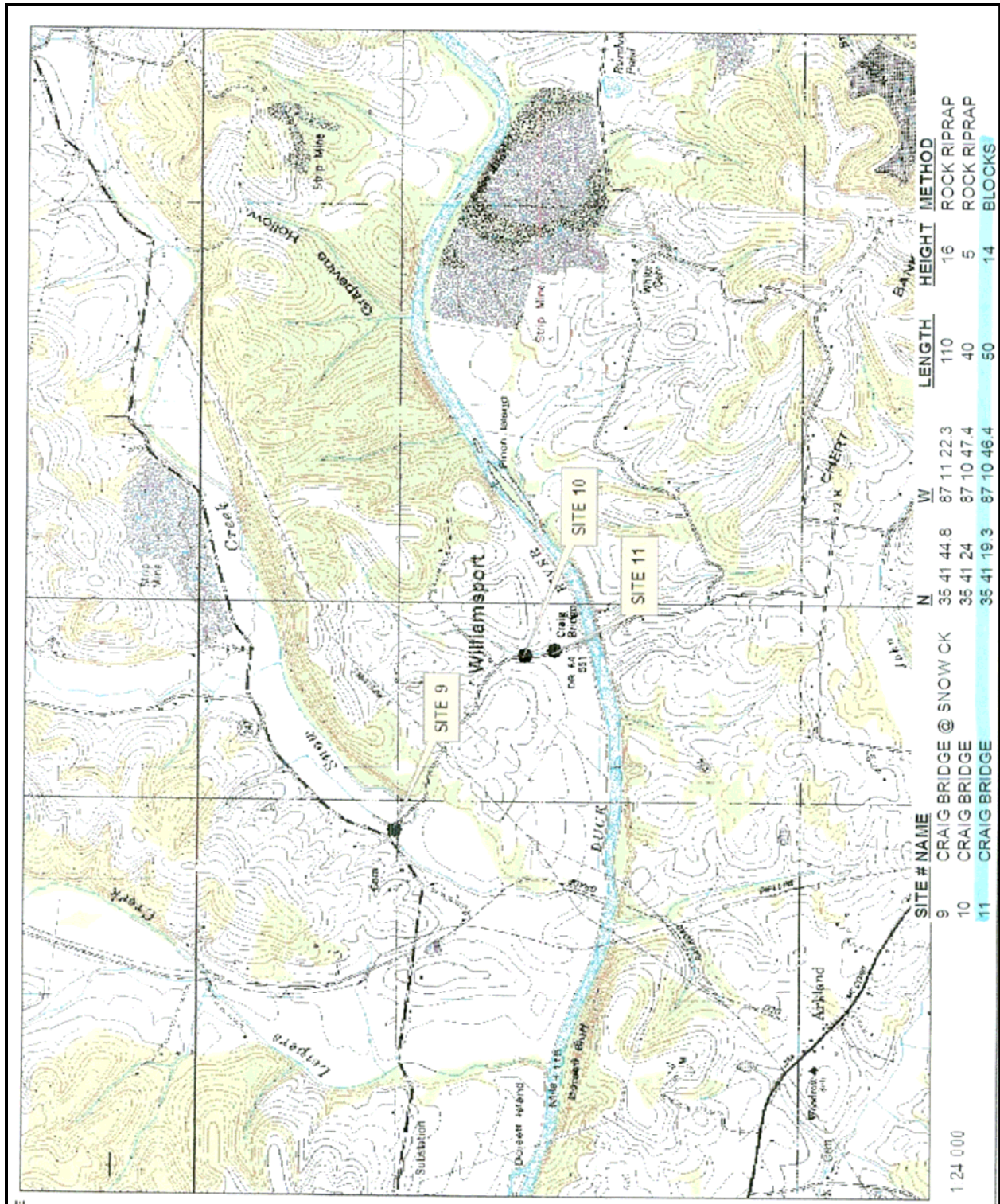


Figure 3: Topo map for site # 11.



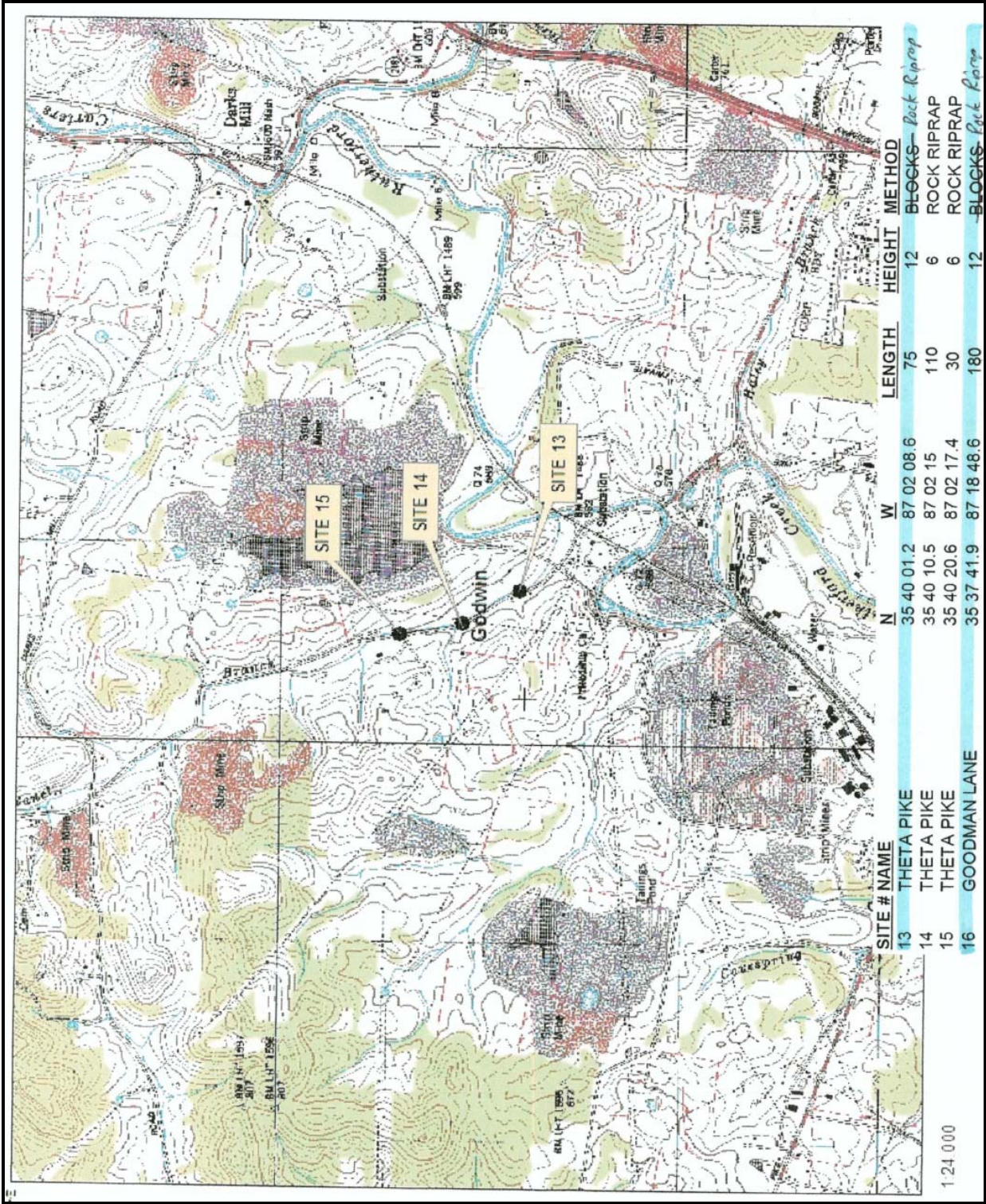
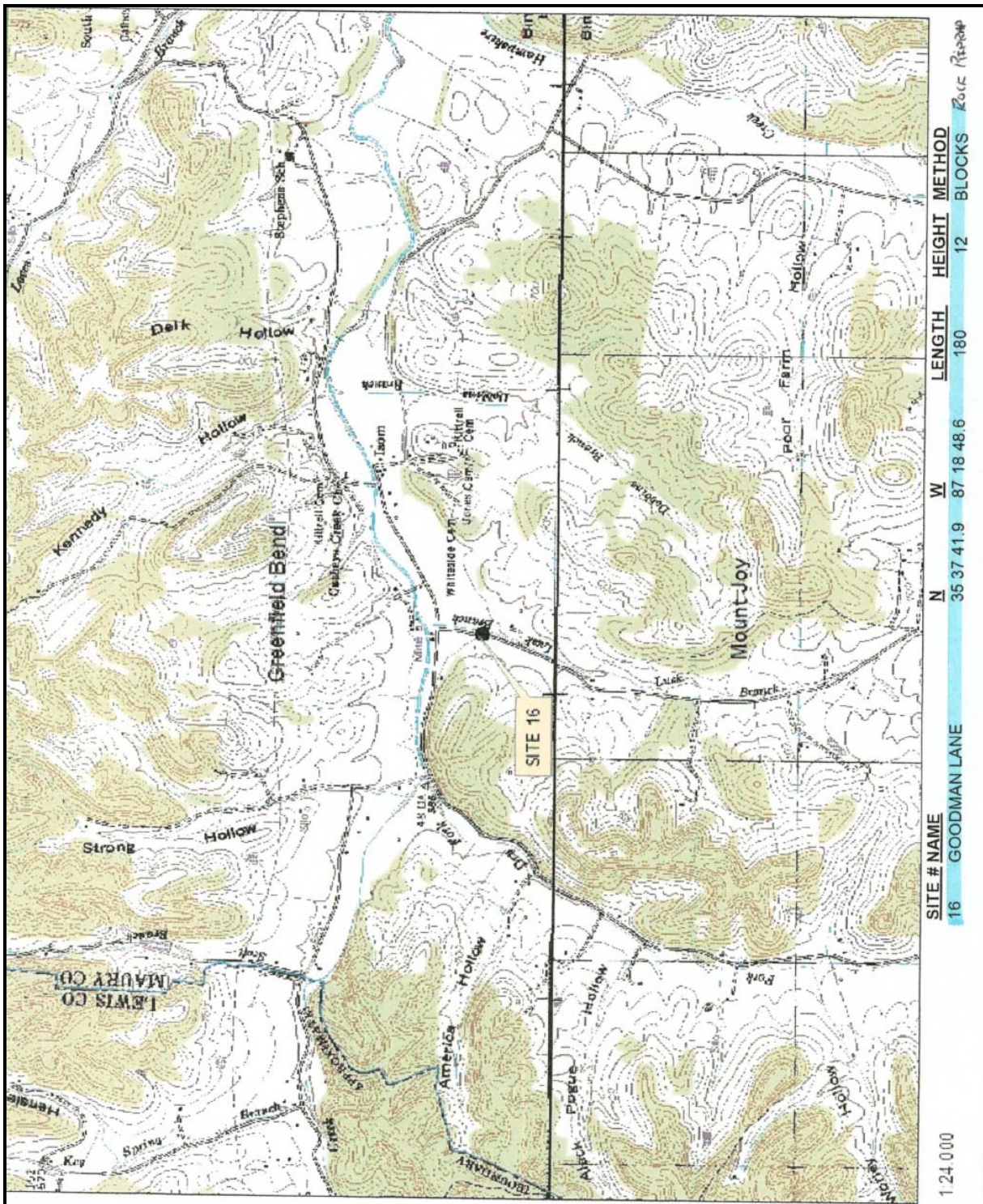
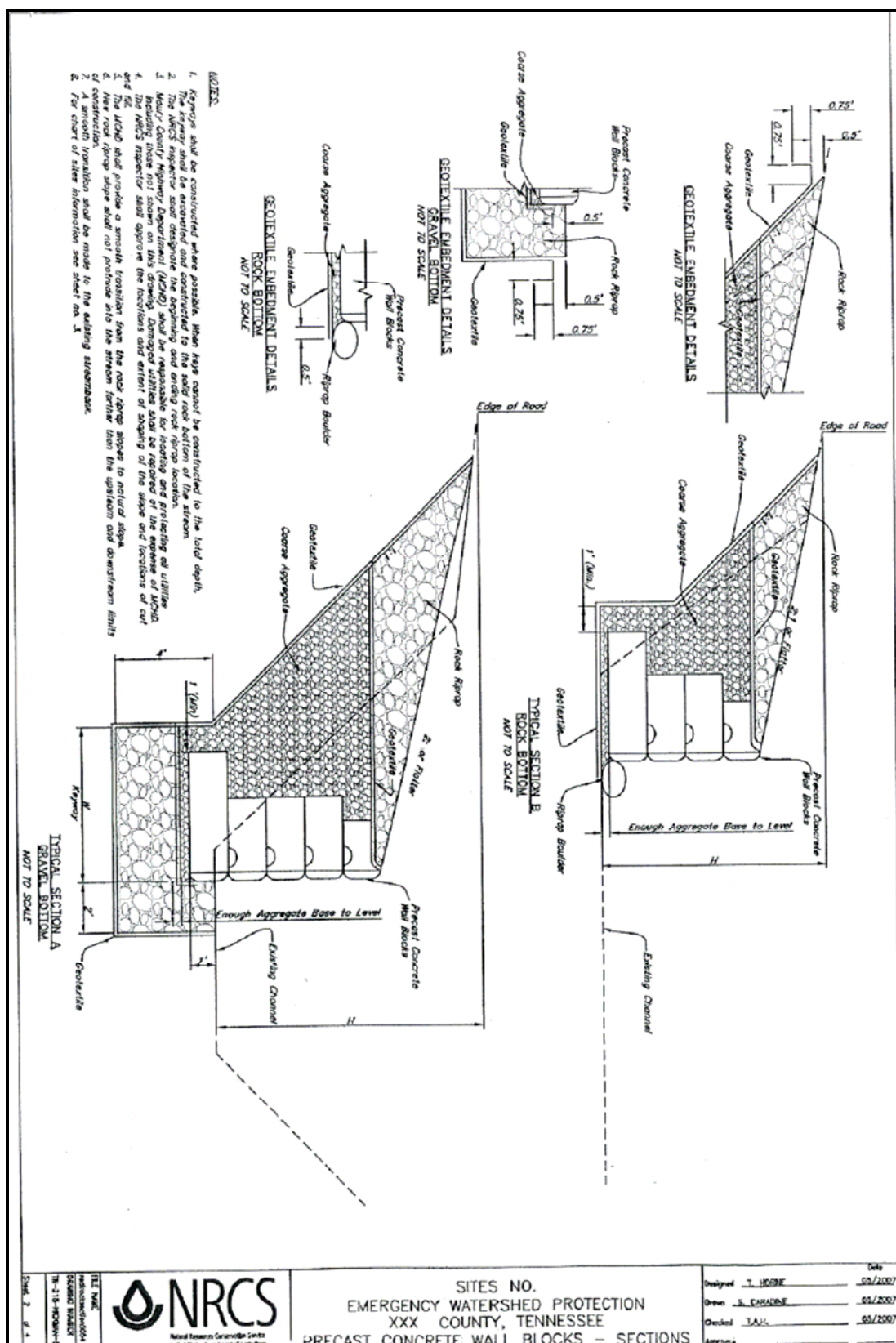


Figure 4: Topo map for site #13









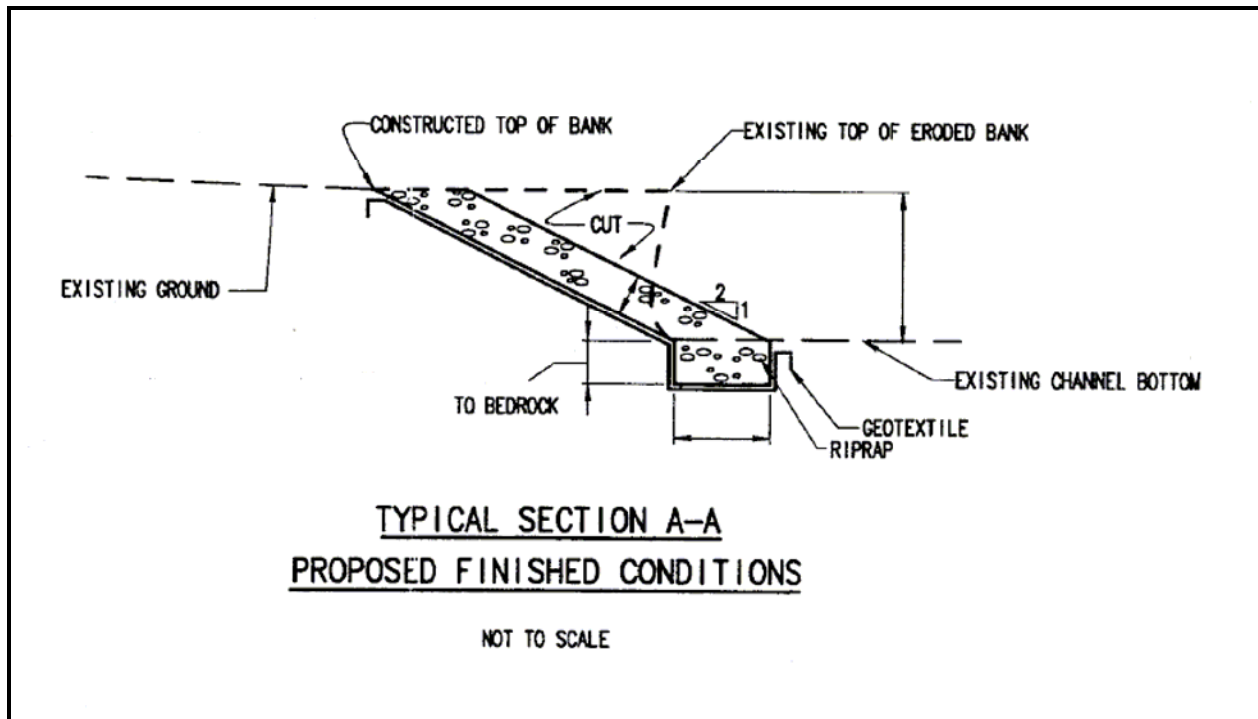
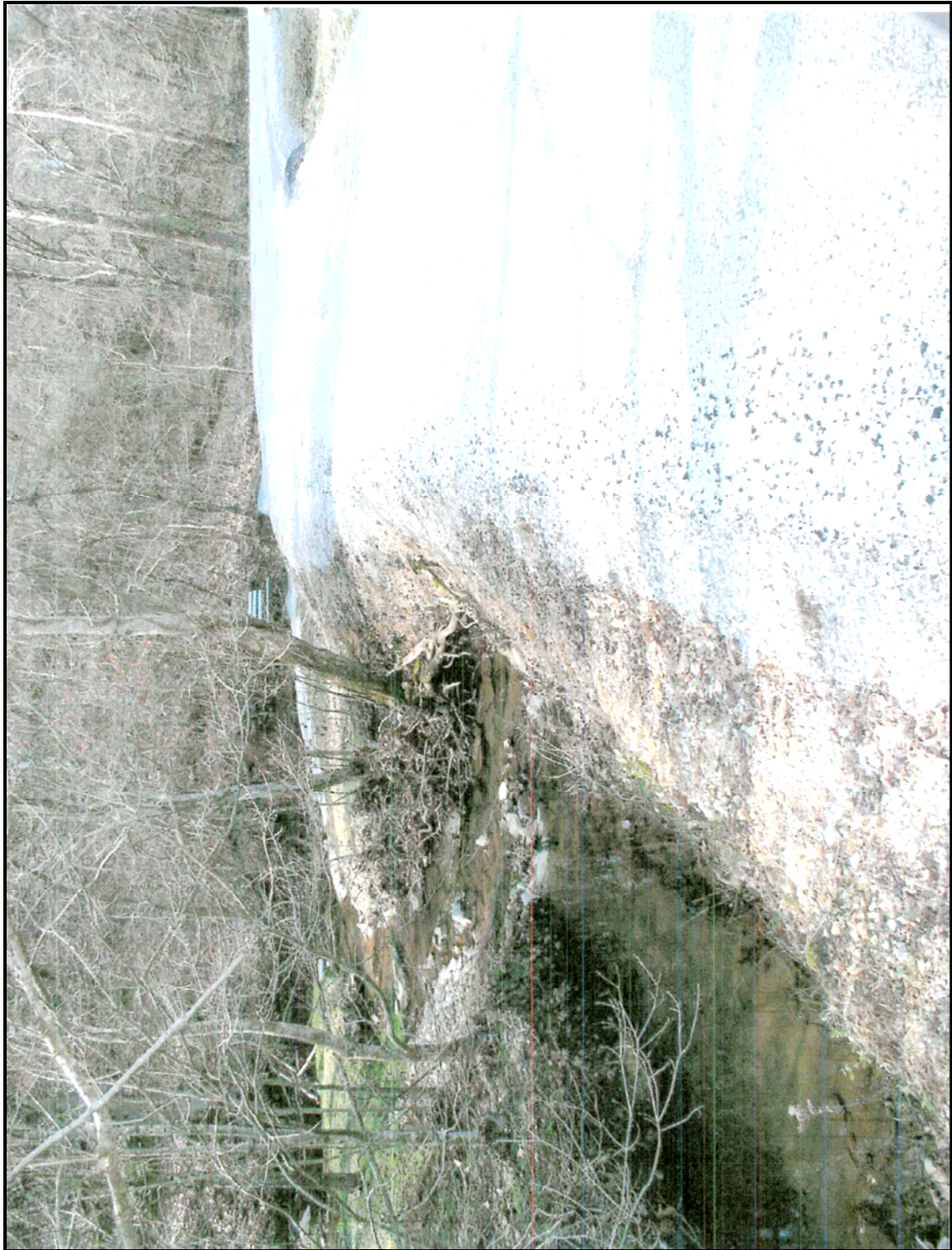


Figure 7: Cross section of the riprap stabilization method



**Photograph 1: Site #2**





**Photograph 2: Site #5**





**Photograph 3: Site #6**





**Photograph 4: Site #7**





**Photograph 5: Site #8**





**Photograph 6: Site #11**





**Photograph 7: Site #12**





**Photograph 8: Site #13**





**Photograph 9: Site #16**